Approved For Release 2004/02/11 : CIA-RDP78B05703A000100020004-9

SECRET

NPIC/TSSG/RED/RSB-38/70
18 February 1970

MEMORANDUM FOR: Chief, Technical Services & Support Group, NPIC JWC 2/24

THROUGH : Chief, Research & Engineering Division, TSSG/NPIC WHL

SUBJECT : Some Personal Comments on Color PI Keys

REFERENCE : ExDir/NPIC query of 6 Feb 70 (attached)

1. The question of developing PI keys in color is, I believe, a problem of semantics. It is doubtful if anyone who is seriously thinking of developing color PI keys is really associating/comparing such an endeavor with B&W PI keys. Recent interrogations with PI's, phototechnologists, etc., the words "PI keys" in color is used snyonymously with "learning" and "teaching" in color, e.g., "color signatures."

2. To develop PI keys in color (similar to B&W) proposes a very expensive enterprise for the following reasons:

25X1

a. If the keys are printed in color, they will fade and the cost [redacted] or more/volume) will be lost over a period of time.

b. If accurate color discriminating photomechanical processing is desired, in order to offset the ravages of time, then the solution is even more impossible in terms of implementation costs.

3. "Keys" are either used to teach or to assist in memory recall. Let us first find out what we're trying to teach. When we have gained knowledge of color signatures, we can then develop some technique(s) that can be used for teaching or for reference.

[redacted]
Chief, Reconnaissance Systems Branch,
RED/TSSG/NPIC

Attachment:
ExDir/NPIC query dtd 6 Feb 70.

Declass Review by NIMA/DOD

DISTRIBUTION:
Orig. - C/TSSG/NPIC
1 - C/IEG/NPIC
1 - Approved For Release 2004/02/11 : CIA-RDP78B05703A000100020004-9

GROUP 1
Excluded from automatic downgrading and declassification

SECRET

Approved For Release 2004/02/11 : CIA-RDP78B05703A000100020004-

MEMORANDUM FOR: [redacted]

We are not advocating the development of color keys. This appears to be a PI requirement. Therefore, we do not have a good feel for the validity or need for keys. Hence, no comments.

FJS

10 Feb 70
(DATE)

Approved For Release 2004/02/11 : CIA-RDP78B05703A000100020004-

1 AUG 54 WHICH MAY BE USED.

Approved For Release 2004/02/11 : CIA-RDP78B05703A000100020004-9

CENTER ROUTING SLIP

FROM		DATE
NPIC/ODIR 6-N-212		9 FEB 1970

TO		INITIALS	DATE	REMARKS
DIRECTOR				
DEP/DIRECTOR				
EXEC/DIRECTOR				
SPECIAL ASST				
ASST TO DIR				
HISTORIAN				
CH/PPBS				
DEP CH/PPBS				
EO/PPBS				
CH/IEG				
DEP CH/IEG				
EO/IEG				
CH/PSG				
DEP CH/PSG				
EO/PSG				
CH/TSSG				
DEP CH/TSSG				
EO/TSSG				
CH/SSD/TSSG				
PERSONNEL				
LOGISTICS				
TRAINING				
RECORDS MGT				
SECURITY				
FINANCE				
DIR/IAS/DDI				
CH/DIAXX-4				
CH/DIAAP-9				
CH/SPAD				

1 HWC 9 Feb.

APSD [redacted] info -

comment?
C/RED nil
RED/RSB —

[redacted] —
action HWC

Return to [redacted] with comments pls.

Approved For Release 2004/02/11 : CIA-RDP78B05703A000100020004-9

IP FM 30 (12-69) - OBSOLETE PREVIOUS EDITIONS

Approved For Release 2004/02/11 : CIA-RDP78B05703A000100020004-9

TS

(1)

6 Feb 70

Ch, PPBS
Ch, IEG
Ch, PSG
✓ Ch, TSSG

Re Color PI Keys

I do not understand why there is so much talk going around about producing "Color PI Key" during the foreseeable future (next year?) when we have such a long way to go to before we feel confident in requesting and using color coverage efficiently and productively. If the idea is to produce a key on the order of the black & white film keys I am familiar with -- then, why?

Please advise me. In the meantime, Center officers should ask searching questions of anyone talking about

Approved For Release 2004/02/11 : CIA-RDP78B05703A000100020004-9

Cont

Approved For Release 2004/02/11 : CIA-RDP78B05703A000100020004-9

(2)

a need for producing a color Key. What kind of Key are they talking about, how detailed, how extensive, how soon, and why, why, why?

At the same time, you and your officers are free to indicate that the Center recognizes that there is a need for establishing technical color standards (film, color-descriptions equipment for exploiting color film, etc.), and we are initiating several development programs for doing so, as a service of common concern.

25X1

Approved For Release 2004/02/11 : CIA-RDP78B05703A000100020004-9

Approved For Release 2004/02/11 : CIA-RDP78B05703A000100020004-9

CENTER ROUTING SLIP

FROM	DATE
[redacted], C/RSB/RED/TSSG	18 Feb 1970

TO		INITIALS	DATE
DIRECTOR			
DEP/DIRECTOR			
EXEC/DIRECTOR	4.	[illegible]	2/25
SPECIAL ASST	3.	Deen	2/26
ASST TO DIR		TAC	2/25
HISTORIAN			
CH/PPBS			
DEP CH/PPBS			
EO/PPBS			
CH/IEG			
DEP CH/IEG			
EO/IEG			
CH/PSG			
DEP CH/PSG			
EO/PSG			
C/RED/TSSG	1	[illegible]	19 Feb
CH/TSSG	2	[illegible]	2/24
DEP CH/TSSG			
EO/TSSG			
CH/SSD/TSSG			
PERSONNEL			
LOGISTICS			
TRAINING			
RECORDS MGT			
SECURITY			
FINANCE			
DIR/IAS/DDI			
CH/DIAXX-4			
CH/DIAAP-9			
CH/SPAS			

REMARKS

John - I believe the comments by [redacted] adequately explains our TSSG feeling re color "PI Keys". This is the type of low-key (sorry) explanation I have used in color briefings (and have asked [redacted] to use, also).

Very useful -- thanks.

[signature]

Approved For Release 2004/02/11 : CIA-RDP78B05703A000100020004-9

IP FM 30 (12-69) - OBSOLETE PREVIOUS EDITIONS